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FIG. 1

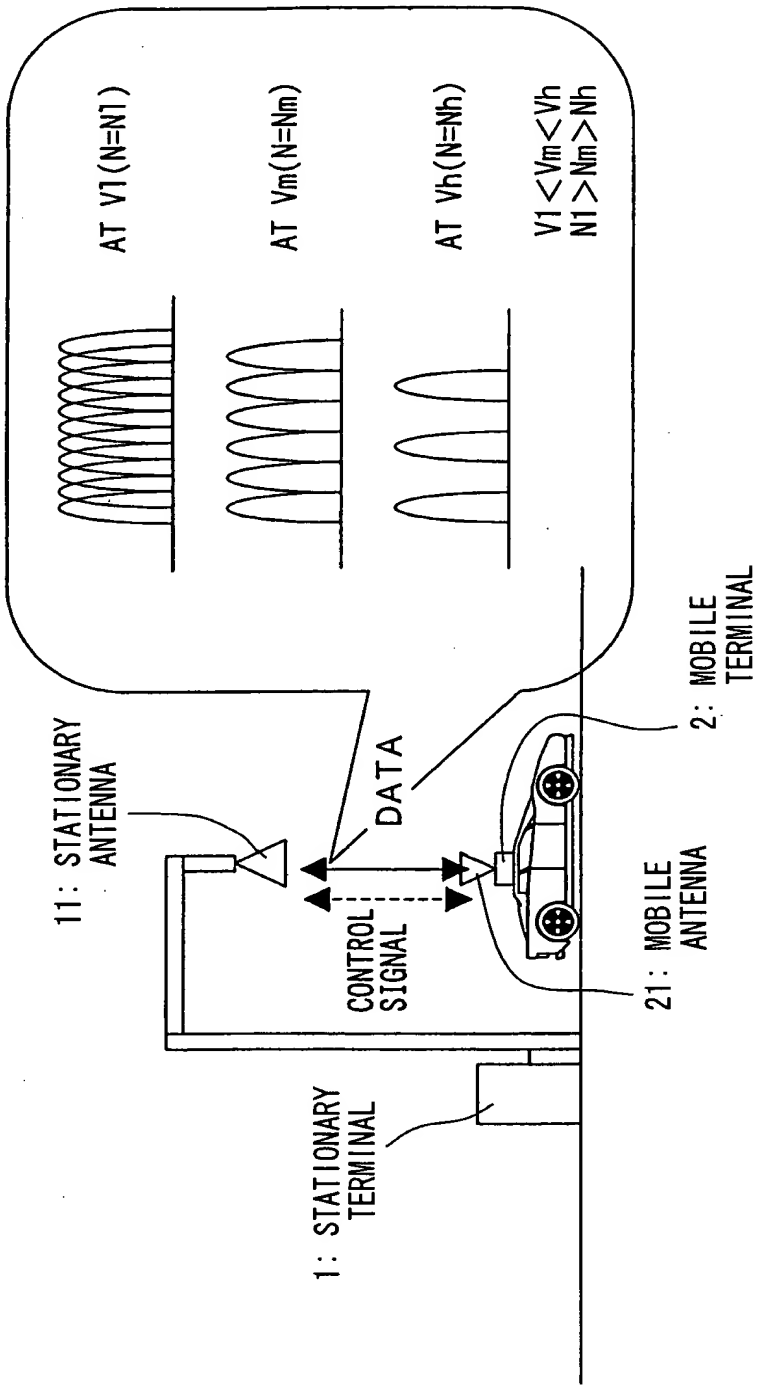

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FIG. 2

VEHICLE SPEED V	NUMBER OF SUB-CARRIERS
V1	N1
Vm	Nm
Vh	Nh

V1<Vm<Vh N1>Nm>Nh

FIG. 3

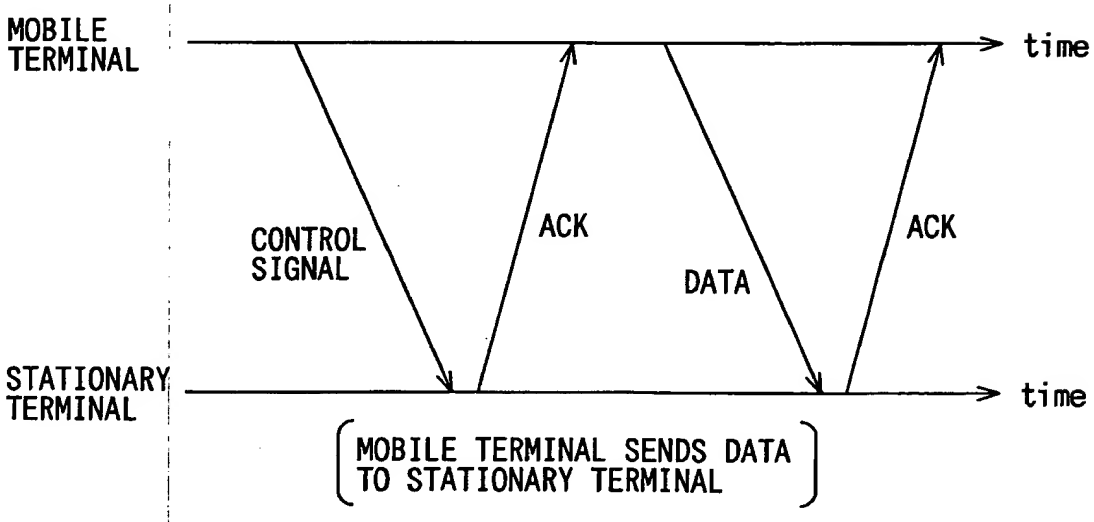

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FIG. 4

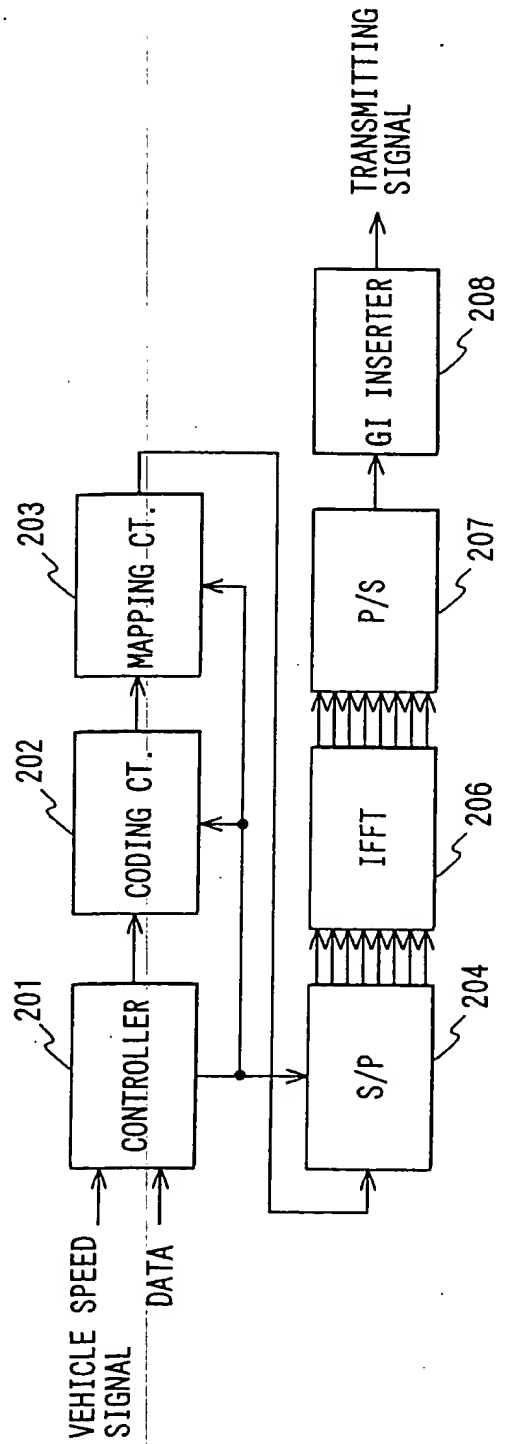

FIG. 7

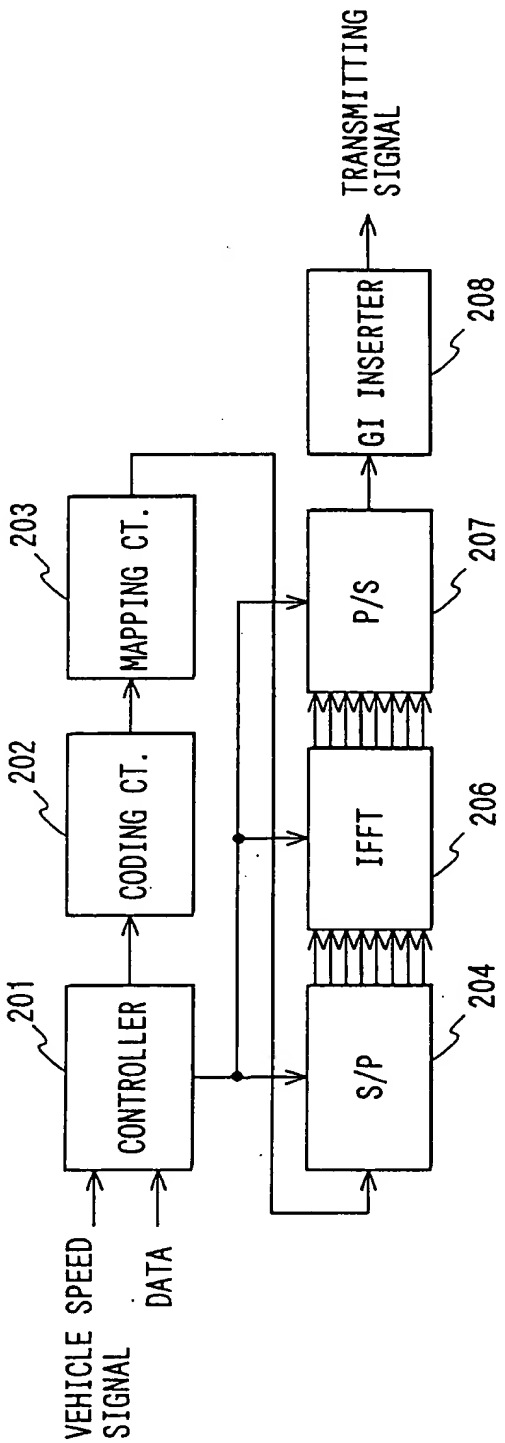

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FIG. 5

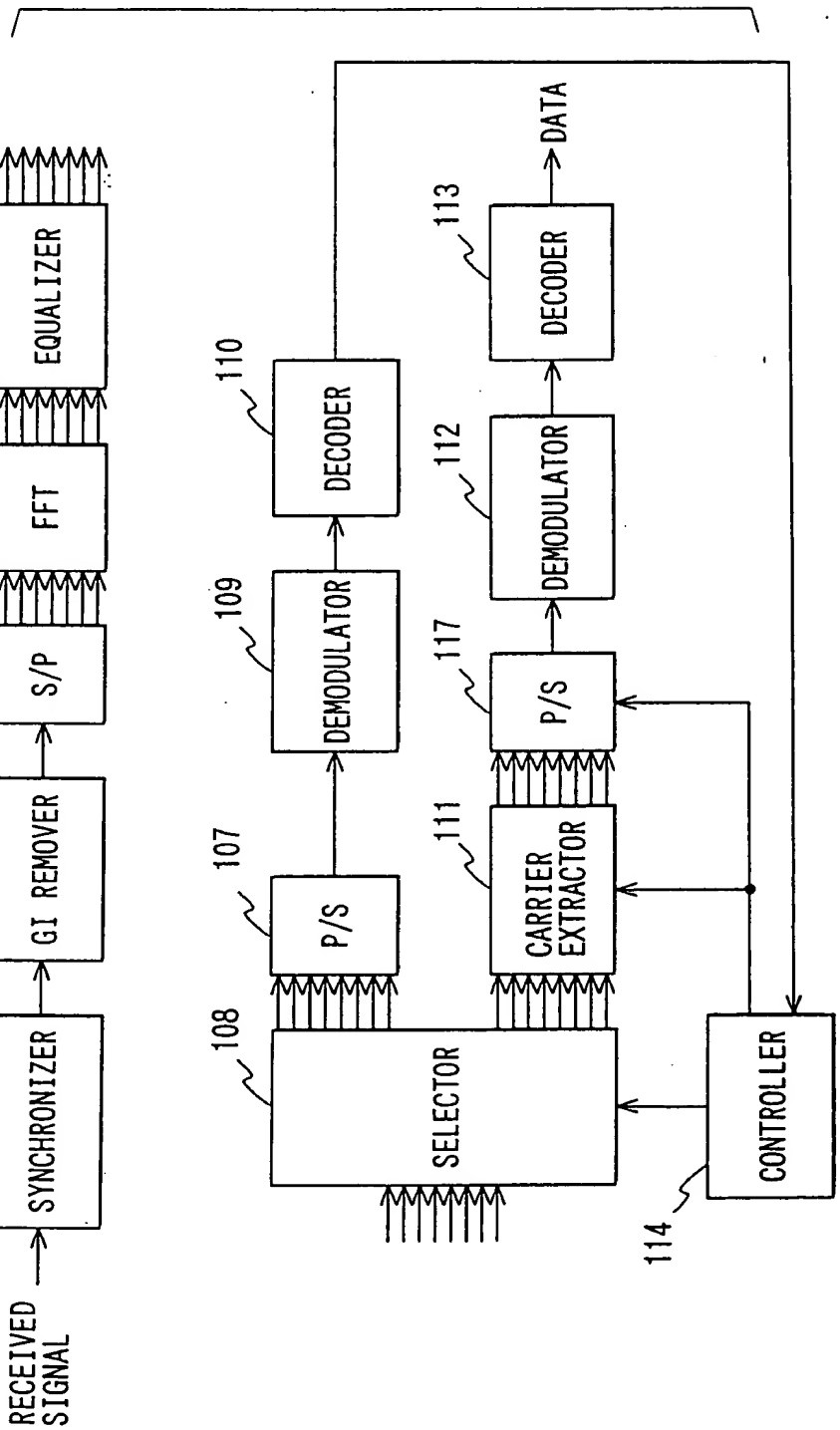

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FIG. 6

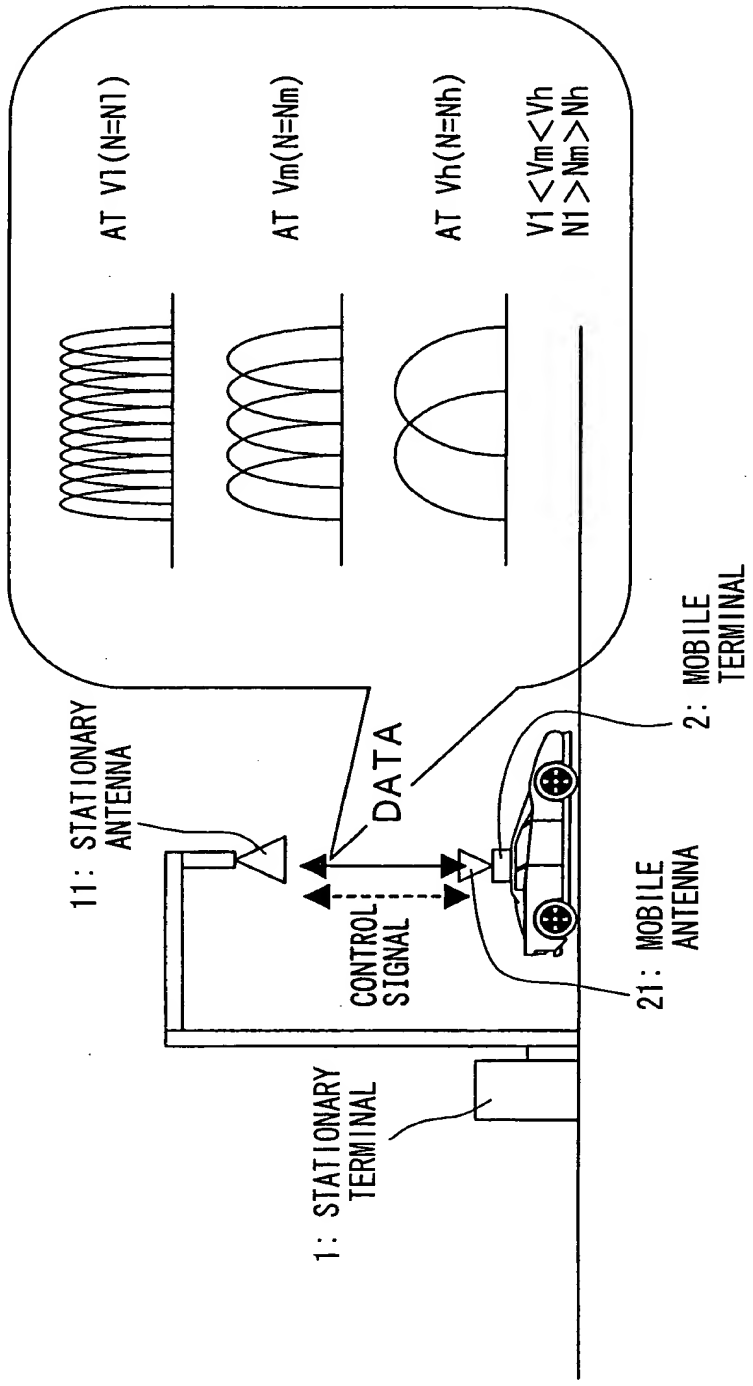

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FIG. 8

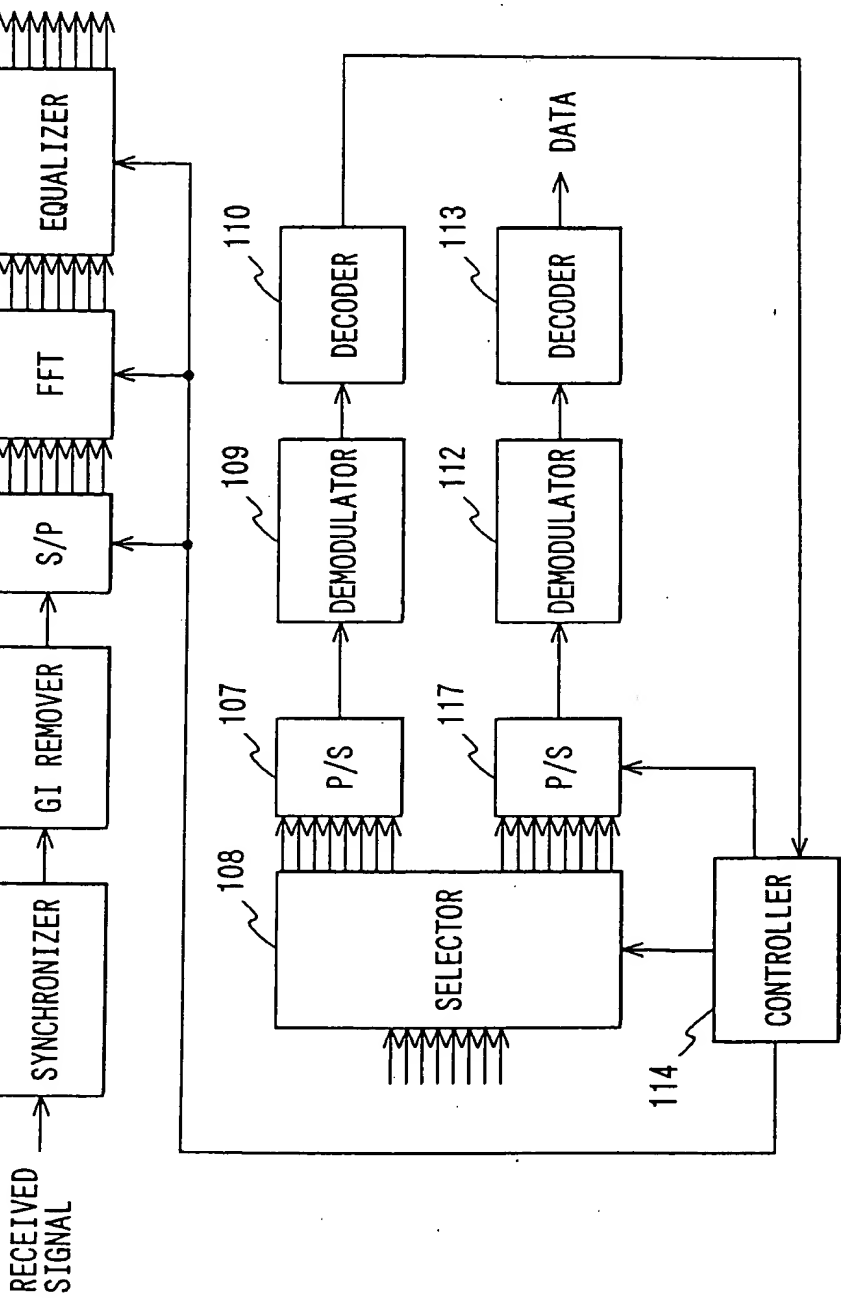

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FIG. 9

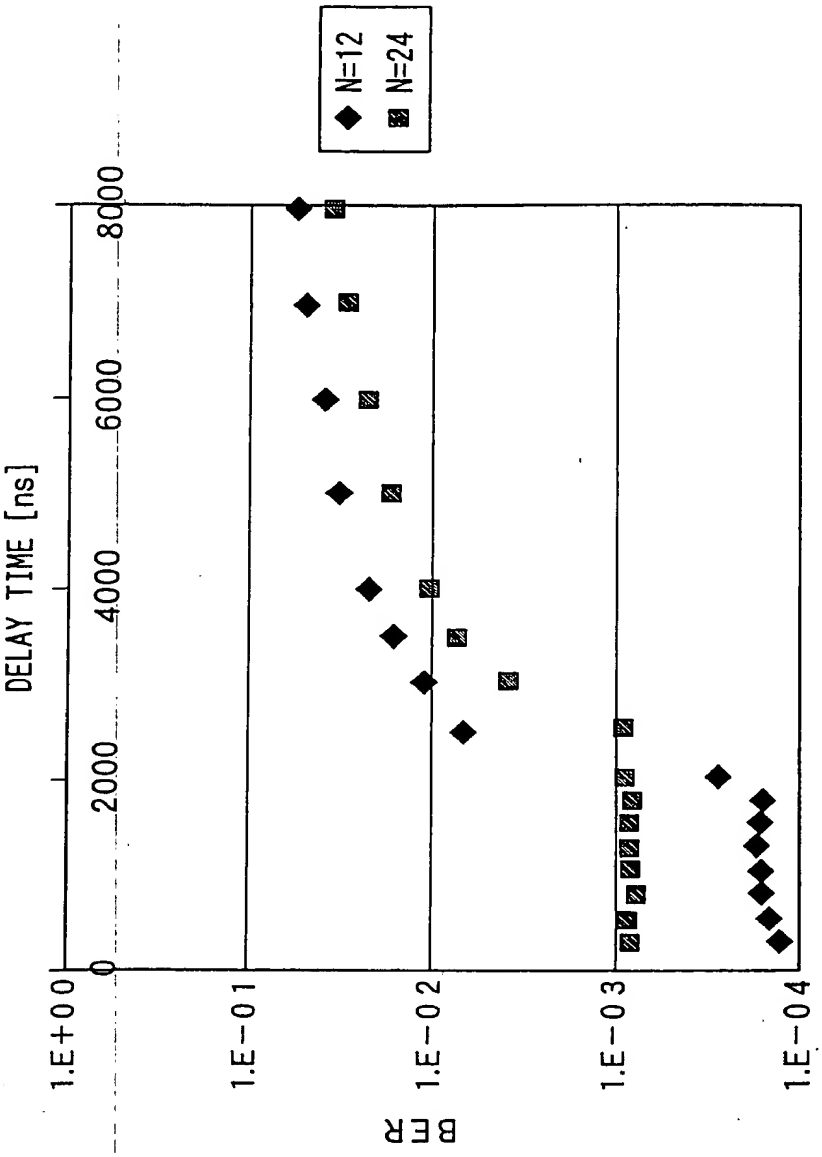

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FIG. 10

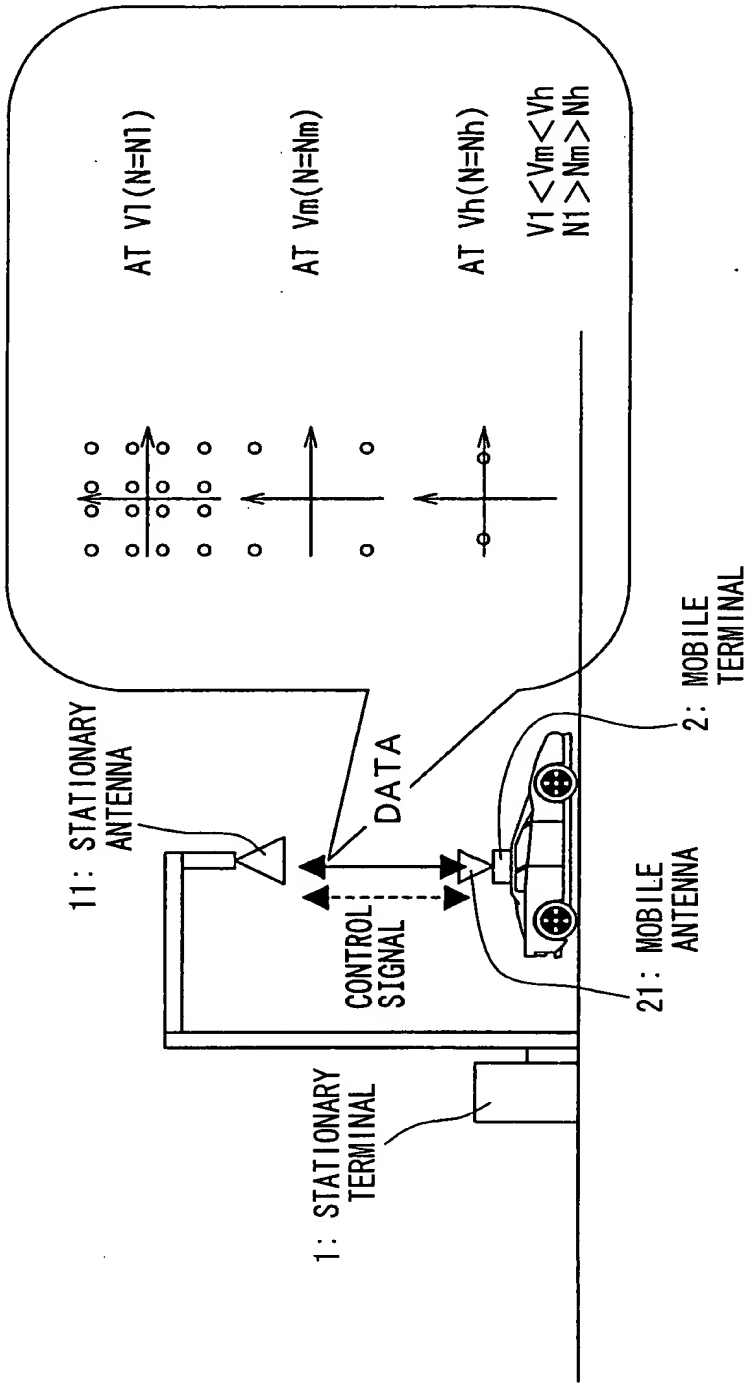

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FIG. 11

VEHICLE SPEED V	MODULATION FORMULA
V1	16QAM
Vm	QPSK
Vh	BPSk

V1＜Vm＜Vh

FIG. 15

VEHICLE SPEED V	CODING RATE
V1	R=3/4
Vm	R=9/16
Vh	R=1/2

V1＜Vm＜Vh

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FIG. 12

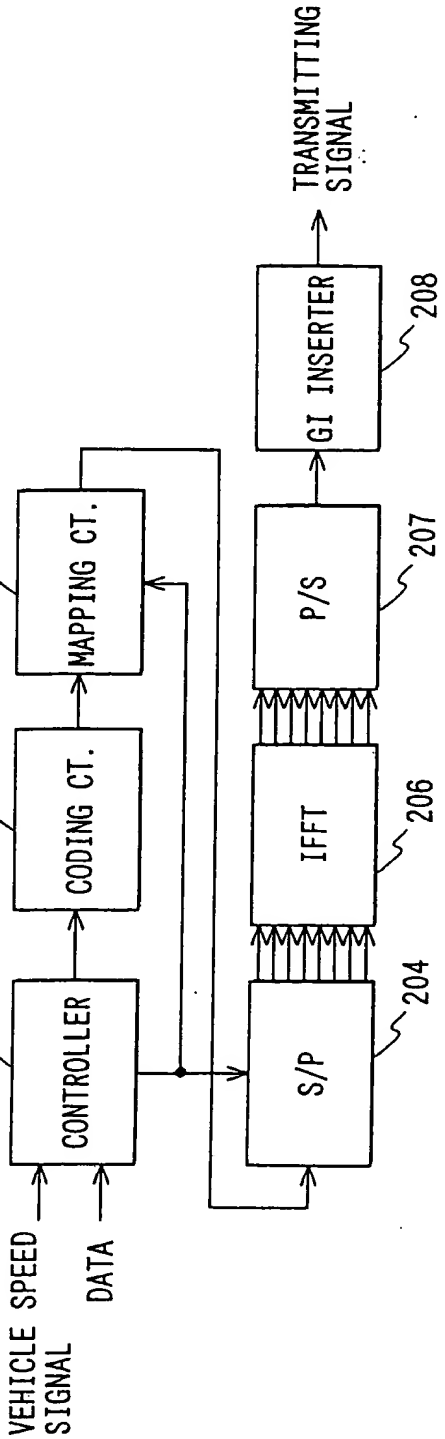

FIG. 16

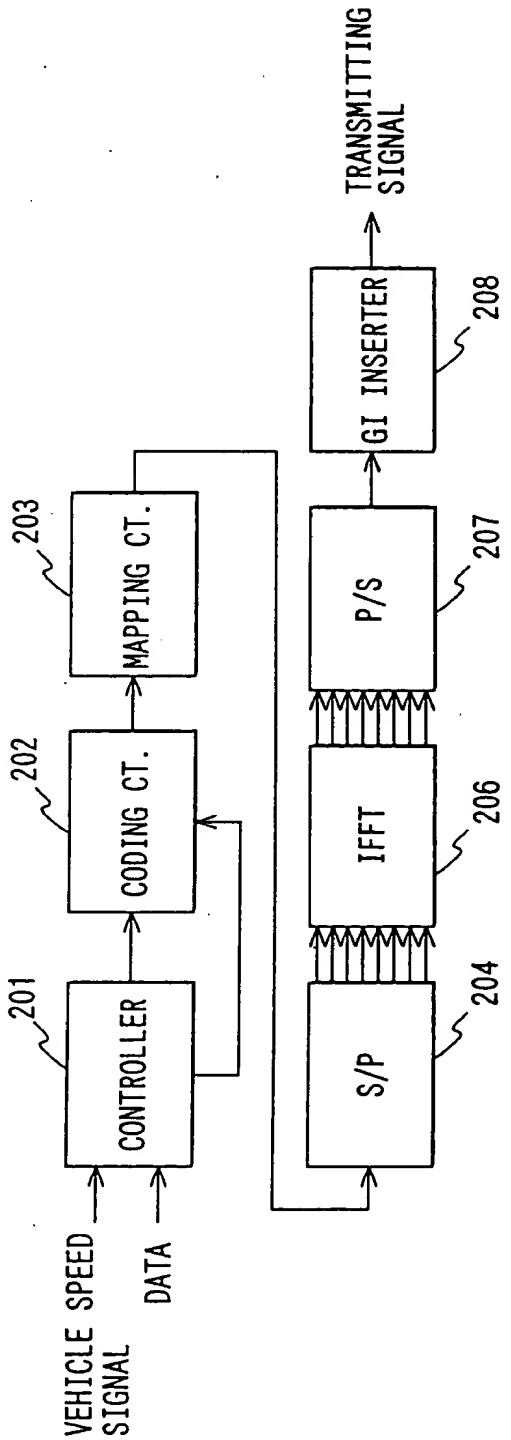

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FIG. 13

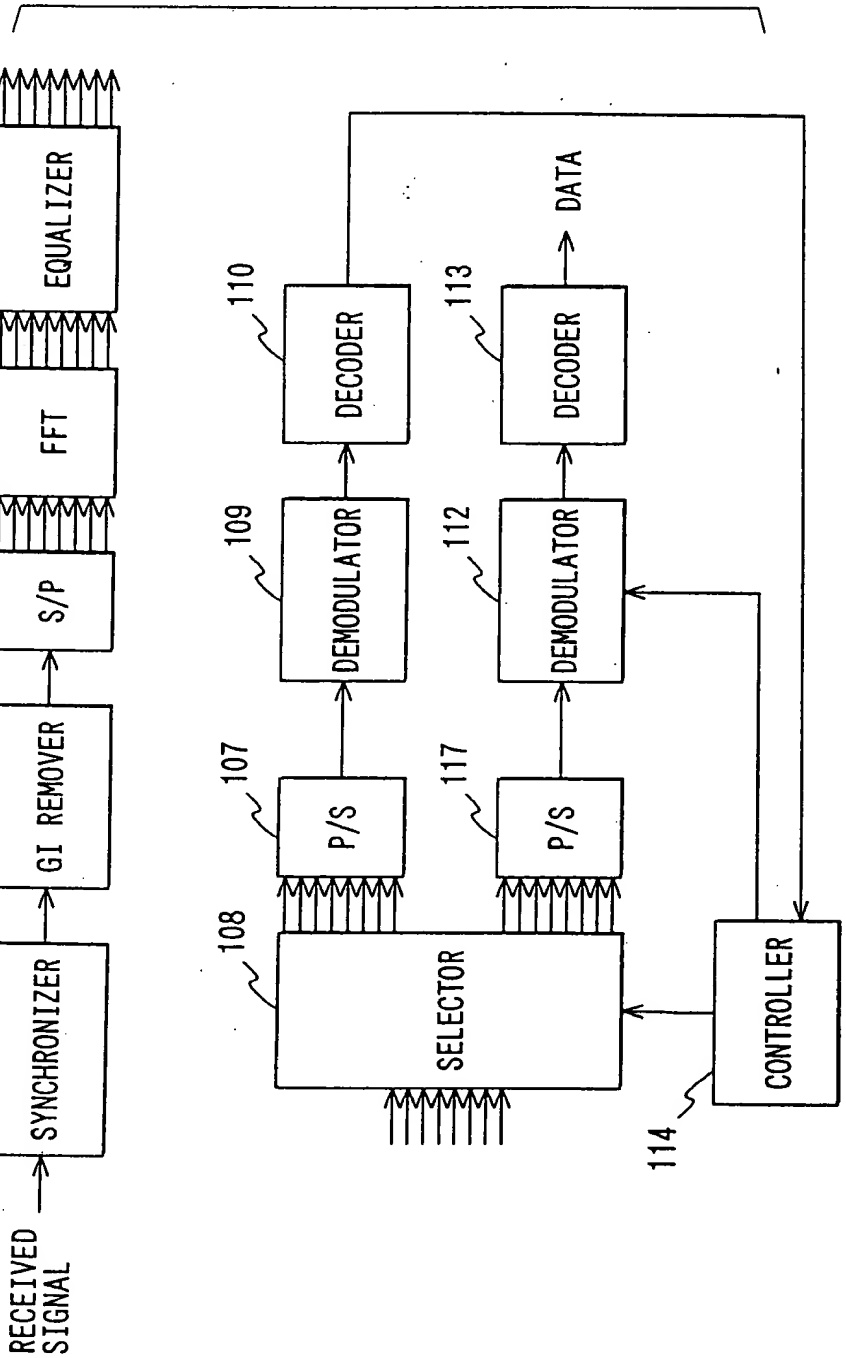

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FIG. 14

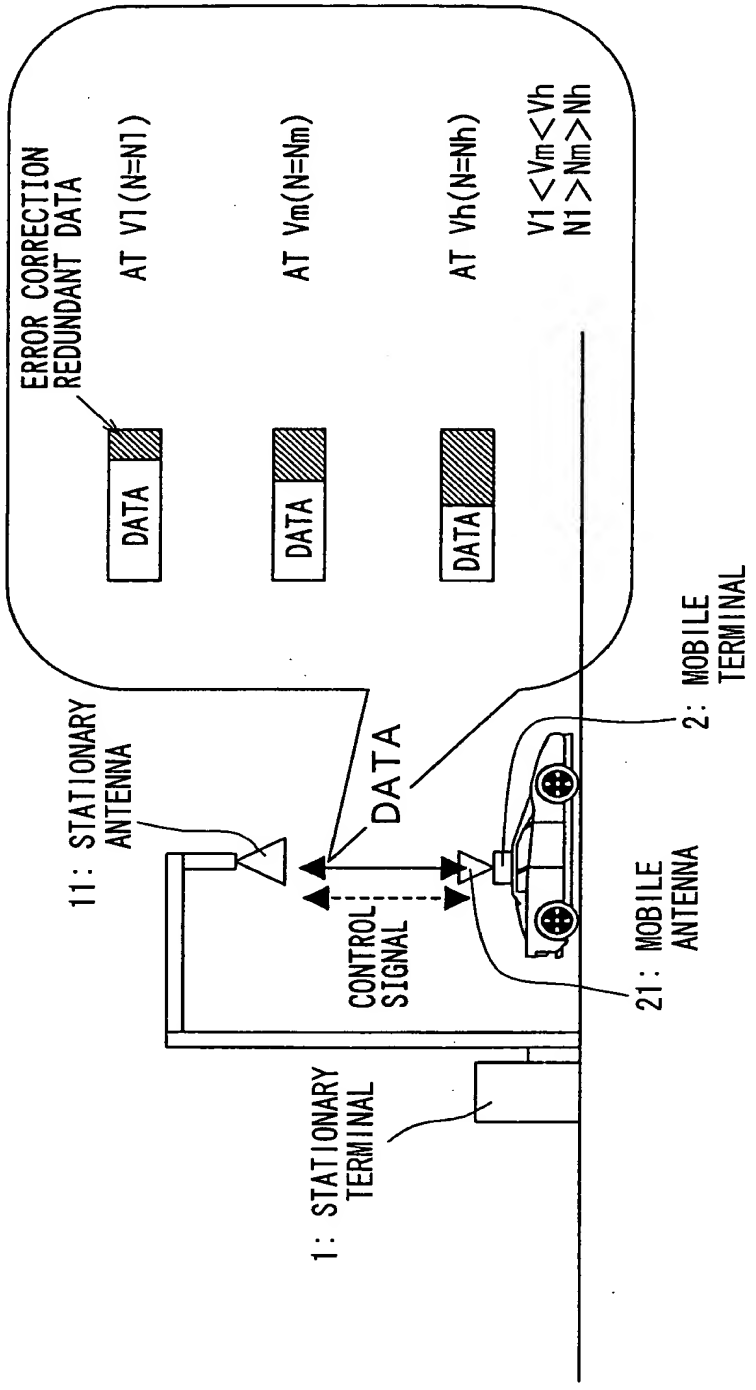

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FIG. 17

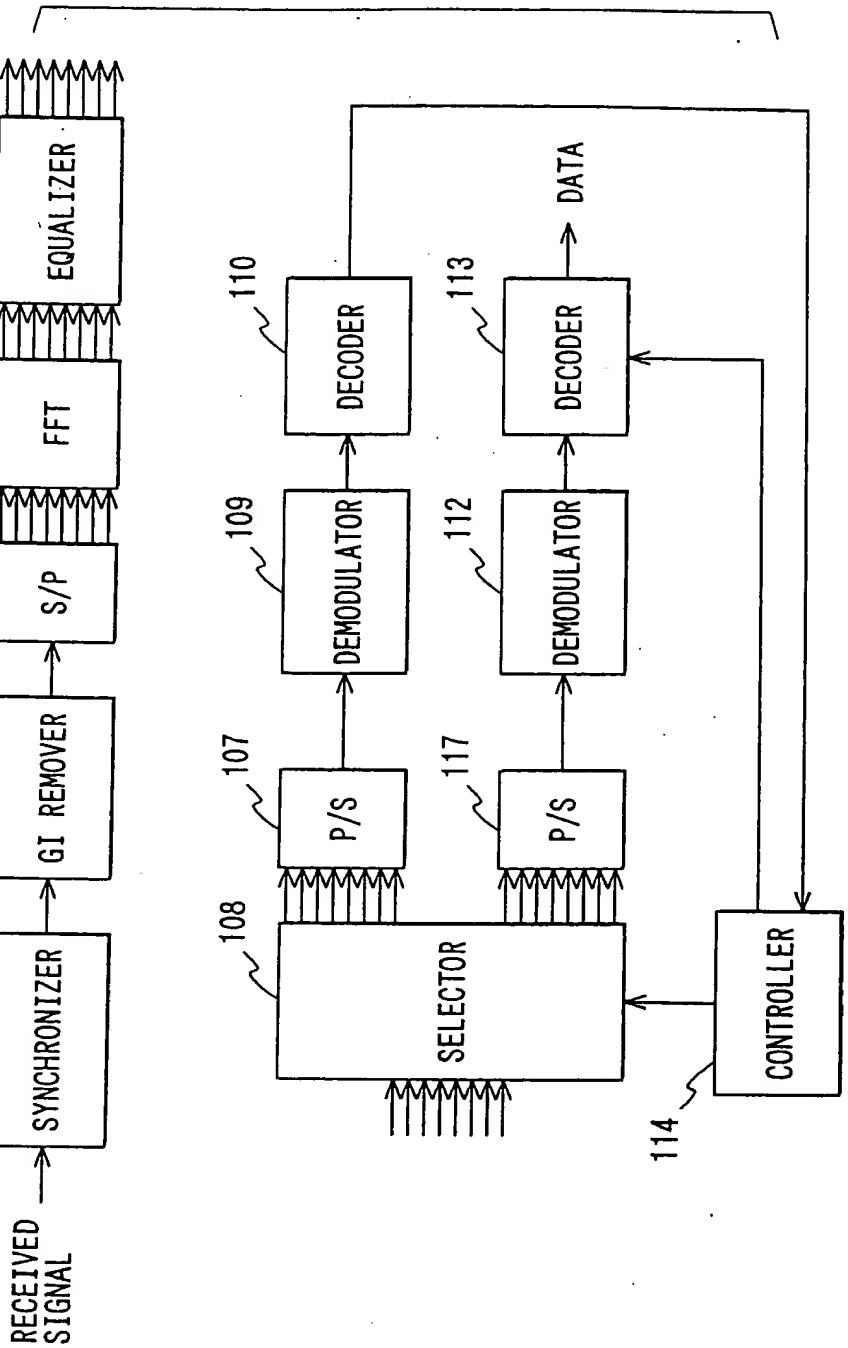

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FIG. 18

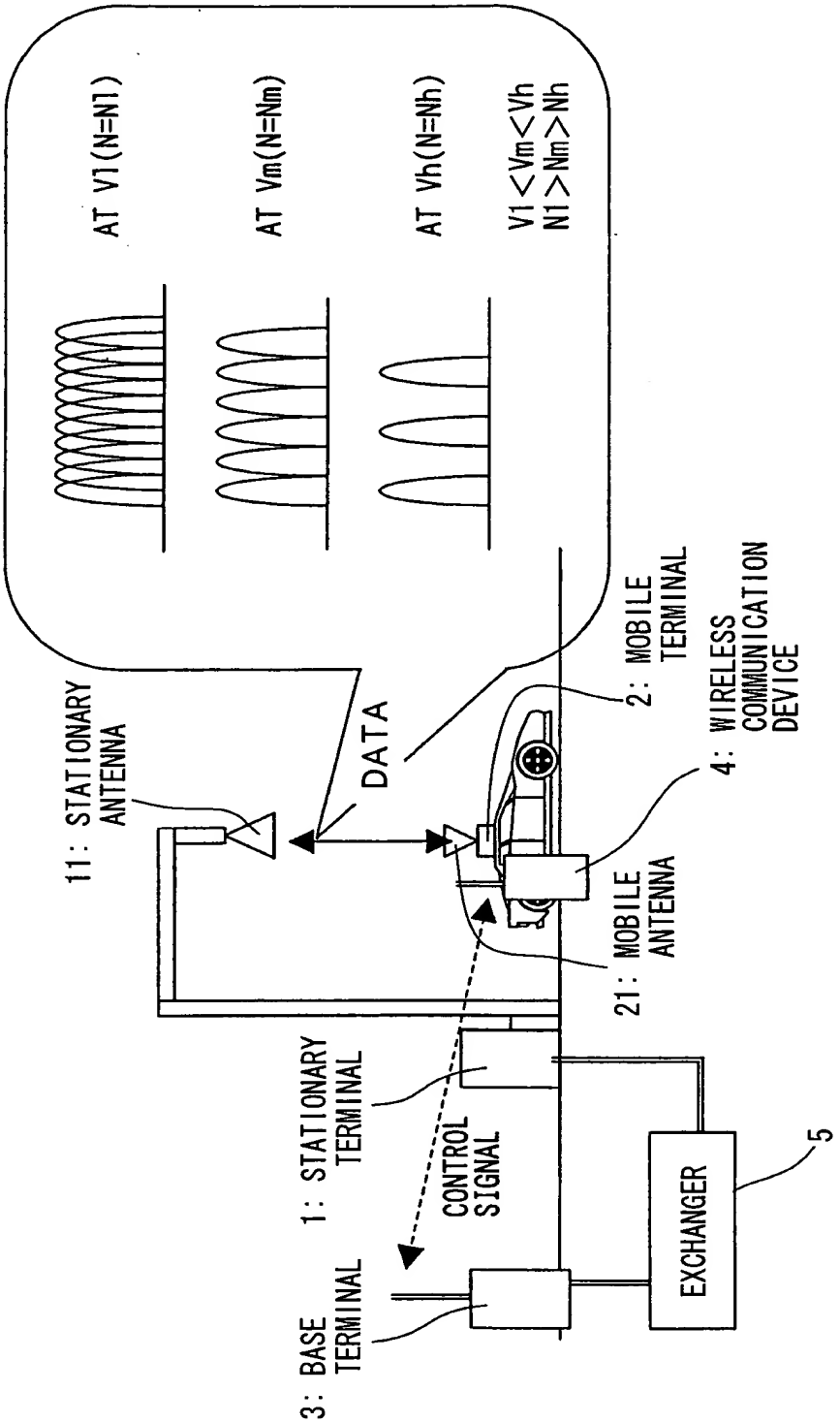

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FIG. 19

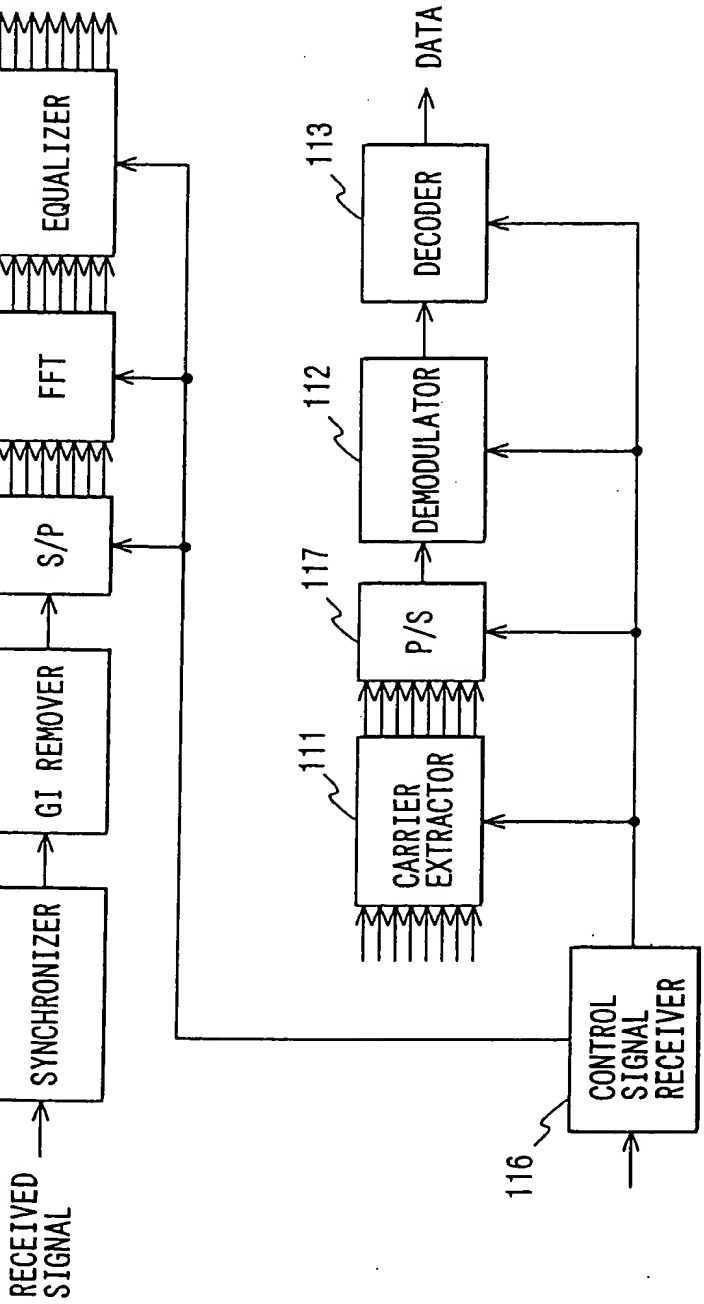

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FIG. 20

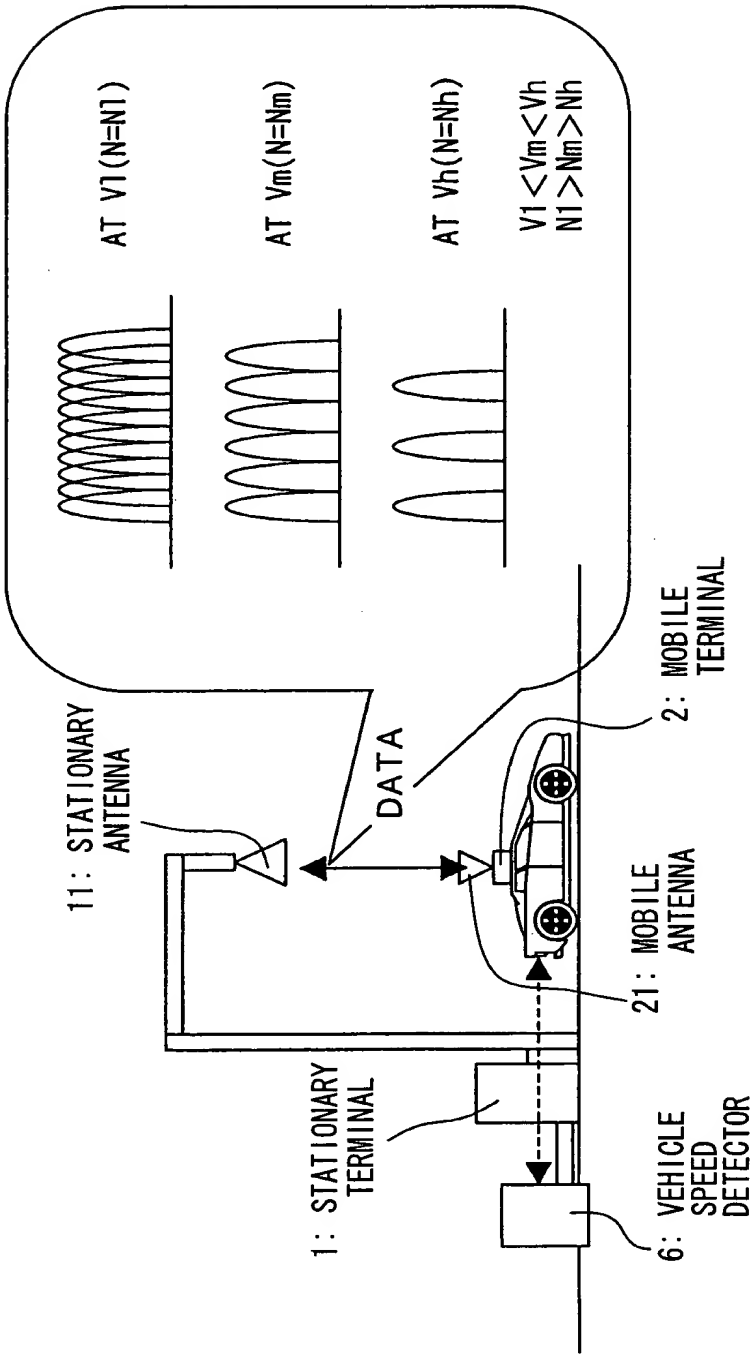

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FIG. 21

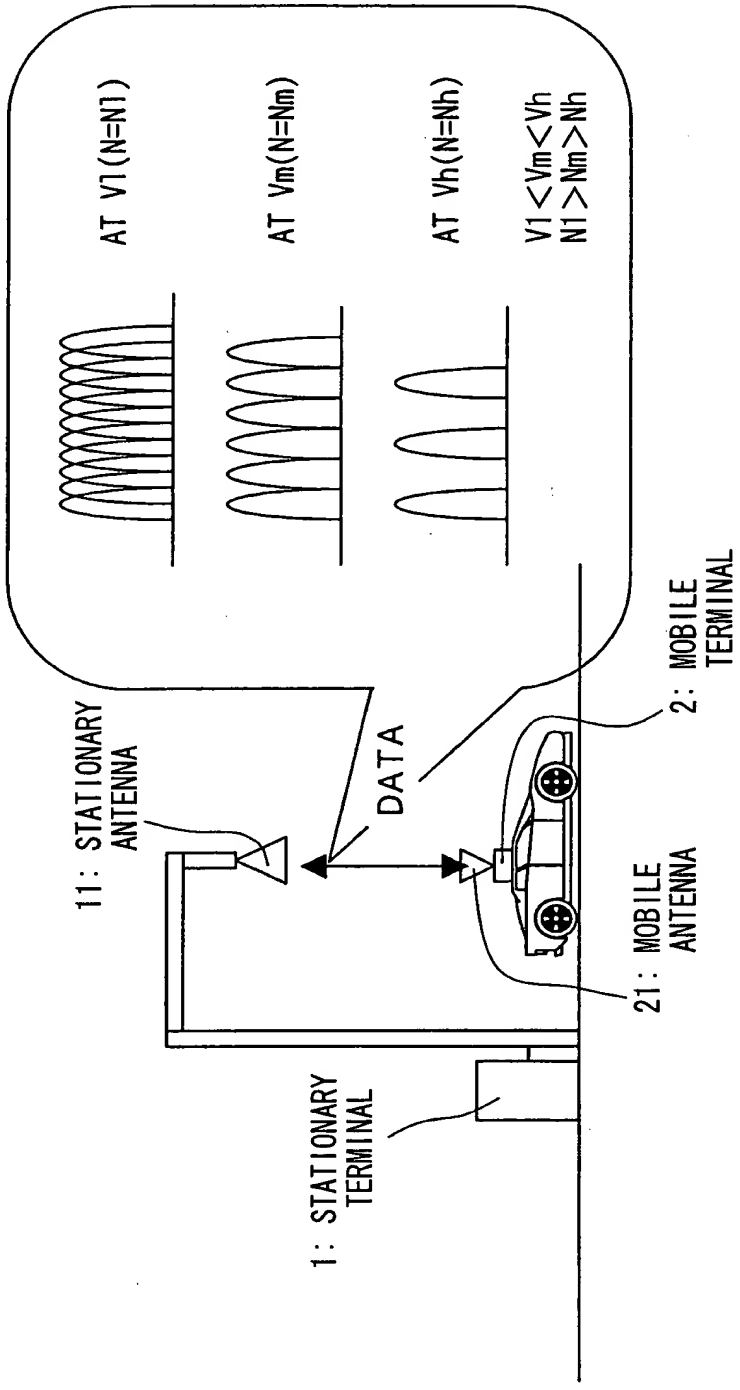

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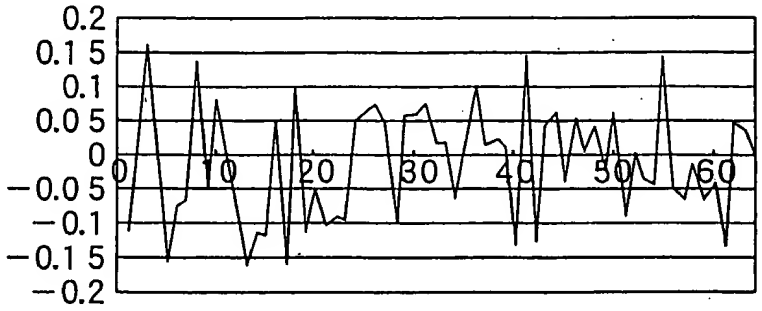
FIG. 22A

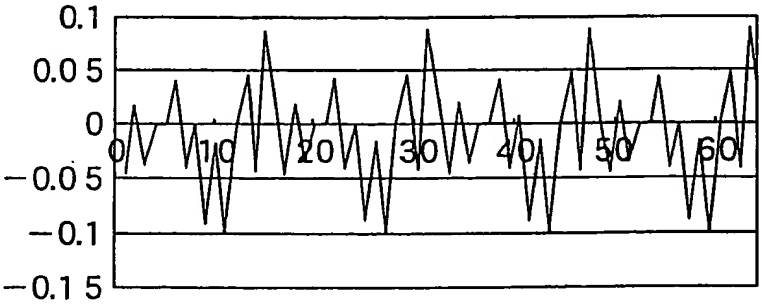


64 CARRIERS

FIG. 22B

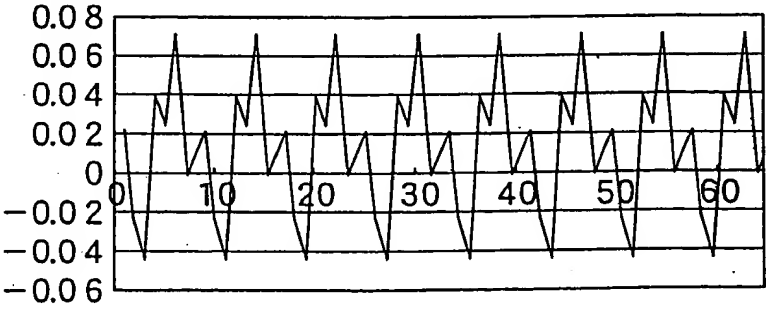
32 CARRIERS

FIG. 22C



16 CARRIERS

FIG. 22D



8 CARRIERS

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FIG. 23

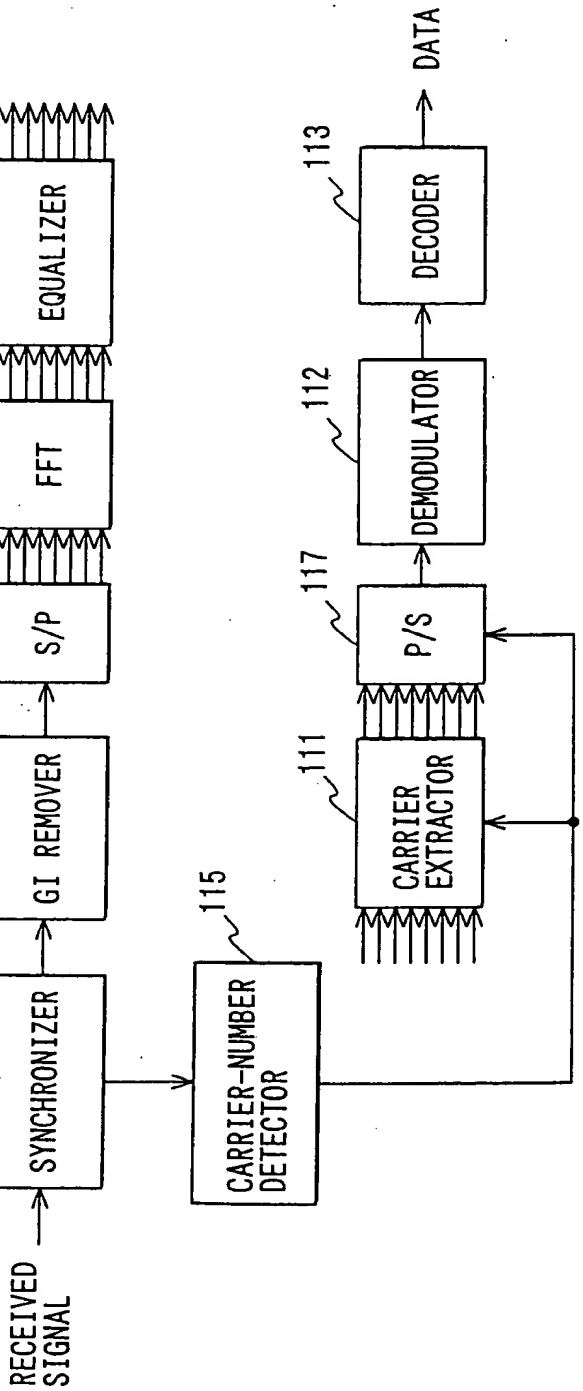

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FIG. 24

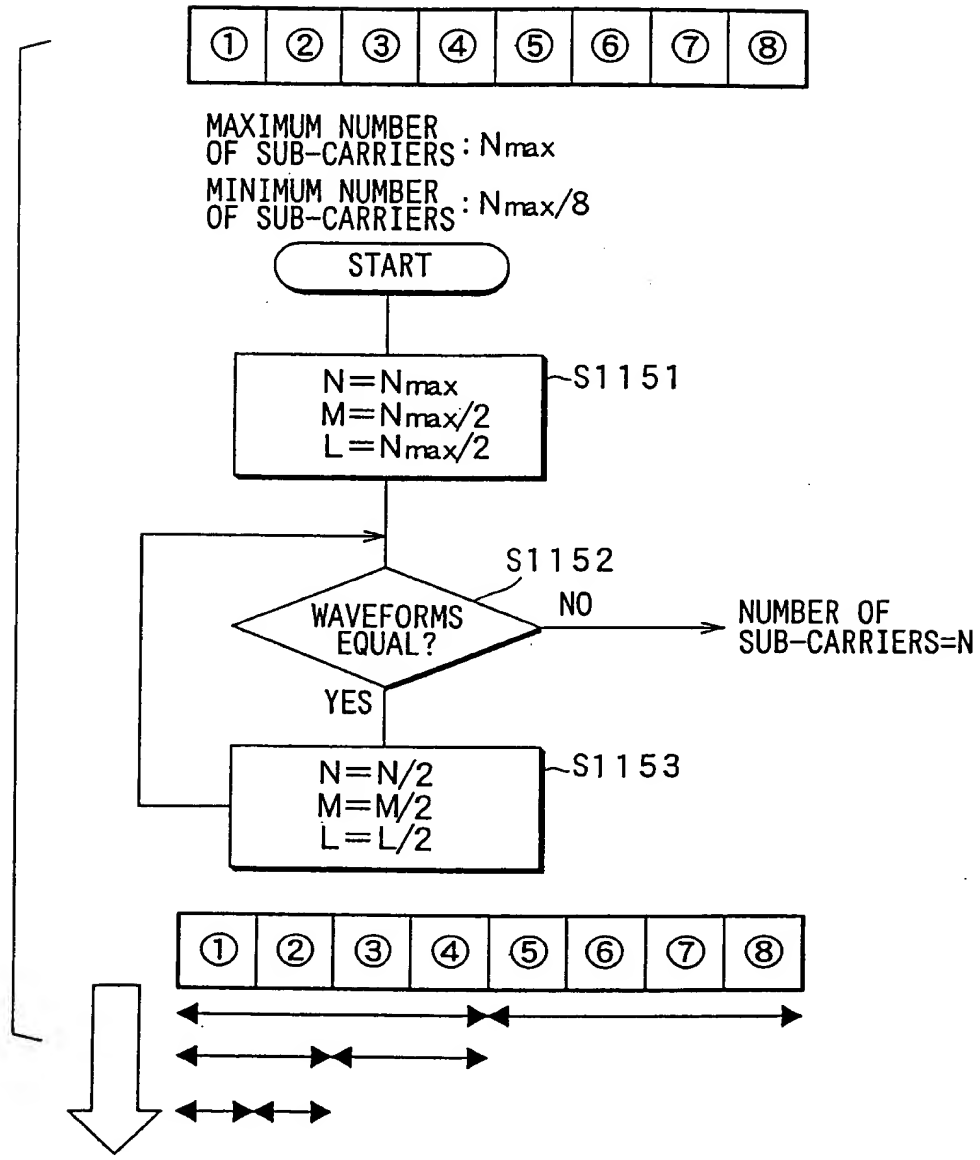

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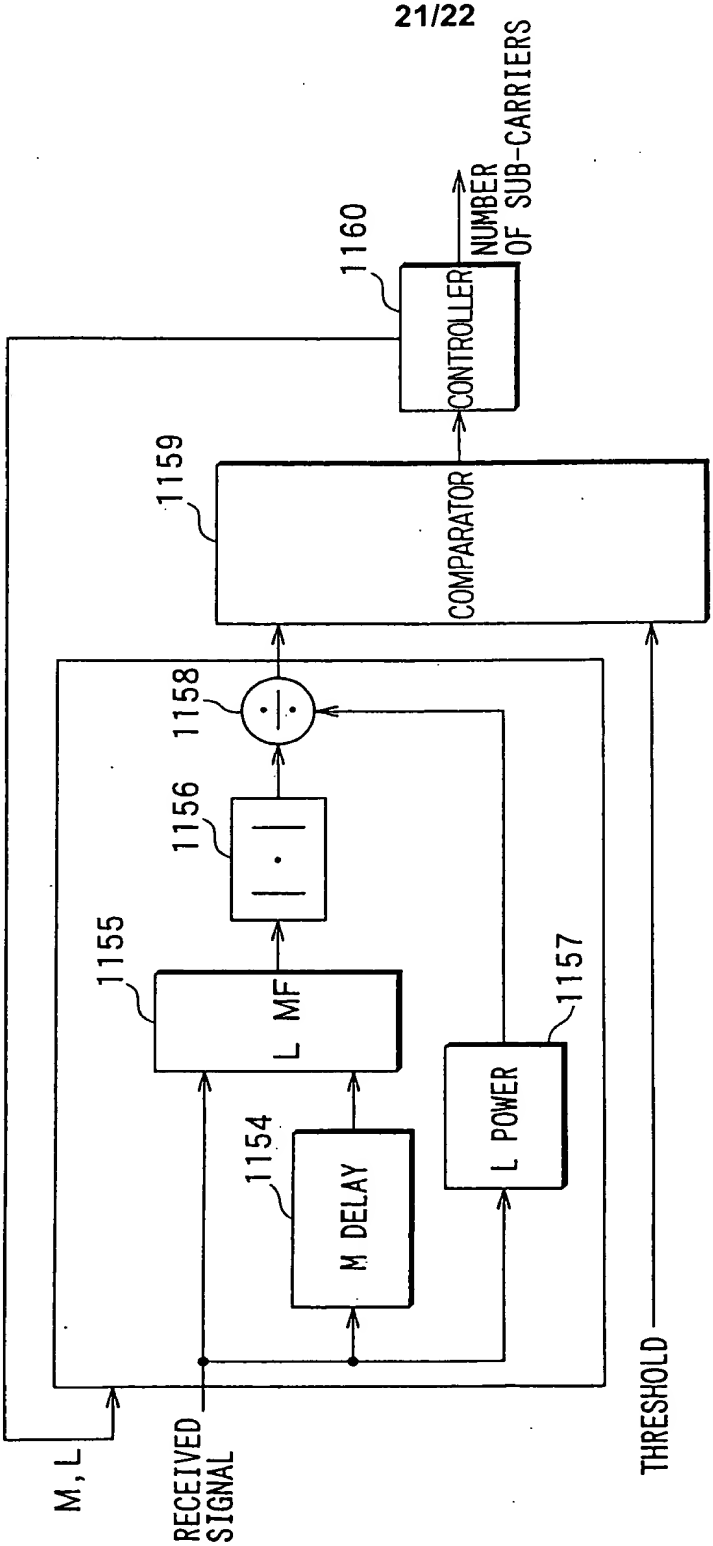
FIG. 25



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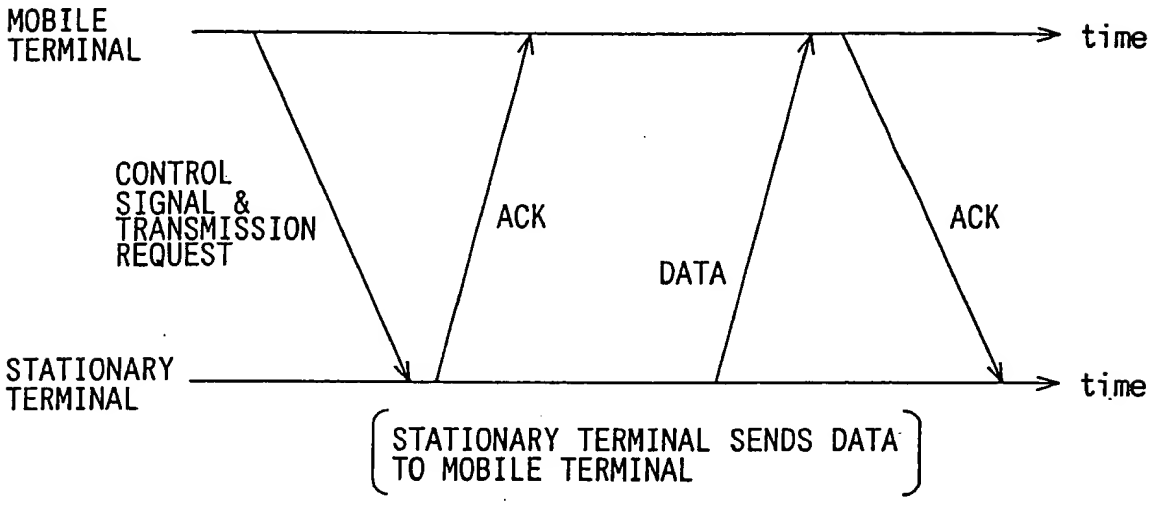
FIG. 26